



Slab LED

by

TURF

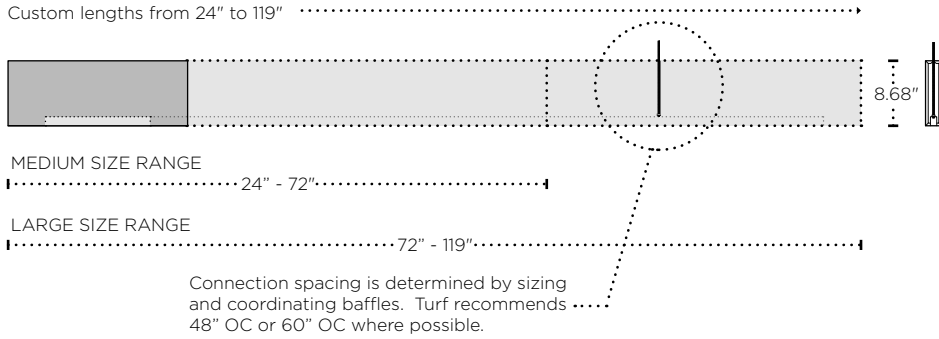


Slab LED

Crisp lines highlight the cool glow of the Slab LED Baffle. This high-performance integrated baffle combines the acoustic absorption of the TURF Slab Baffle with a customizable LED fixture. Though designed to work in tandem with the Slab Baffle, this fixture makes for a sleek standalone solution in any space.

BAFFLE SIZES + COMPONENTS

SIZING AVAILABILITY

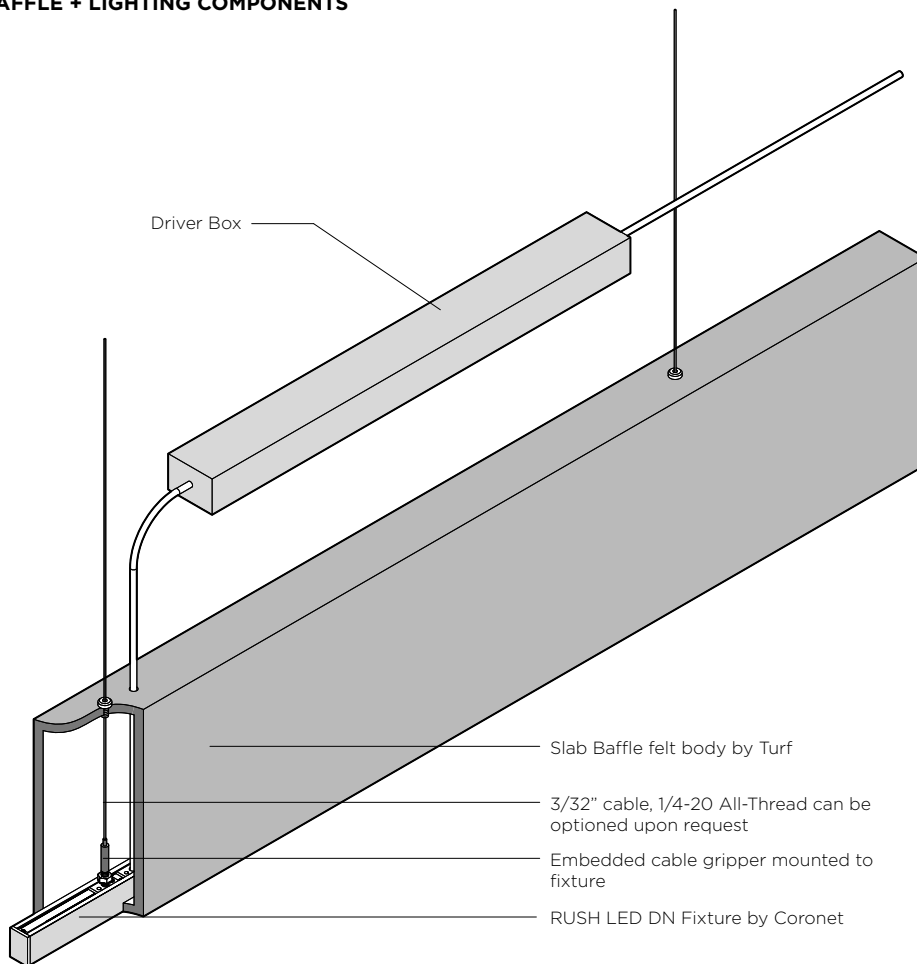


Slab LED system is a sister product line to the Slab Baffle system. The two systems mirror each other in construction, dimensional customization and fully coordinate with each other seamlessly to enable a turnkey solution for both lighting and acoustical problems in the open office.

Slab LED is made from a single sheet of folded 9mm PET felt material, creating a monolithic mass 2.25" thick. Each Slab LED contains a 1.25" internal air gap. The fixture sizing is fully customizable between the range of 24" (2'0") - 119" (9'6") through Turf's parametrically adaptive design systems.

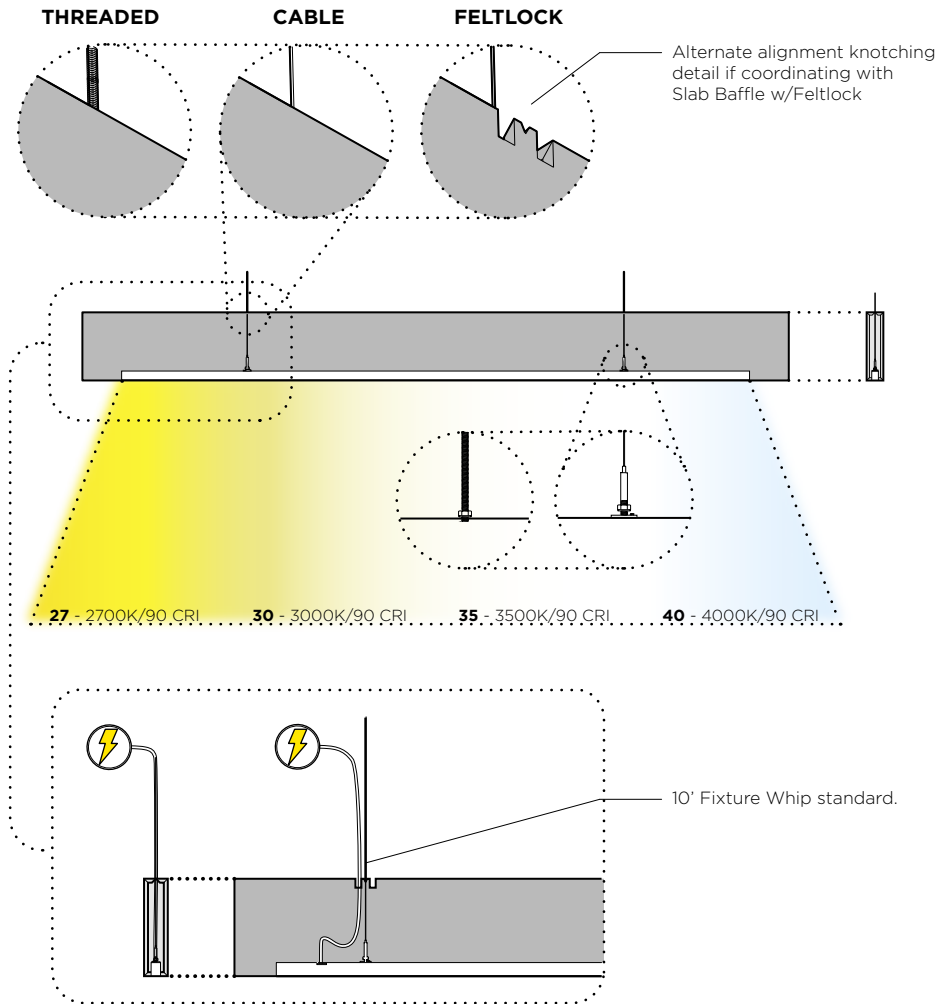
Note that the mounted internal fixture is 12" shorter than the overall baffle length.

BAFFLE + LIGHTING COMPONENTS



BAFFLE DETAILING

CONNECTION OPTIONS

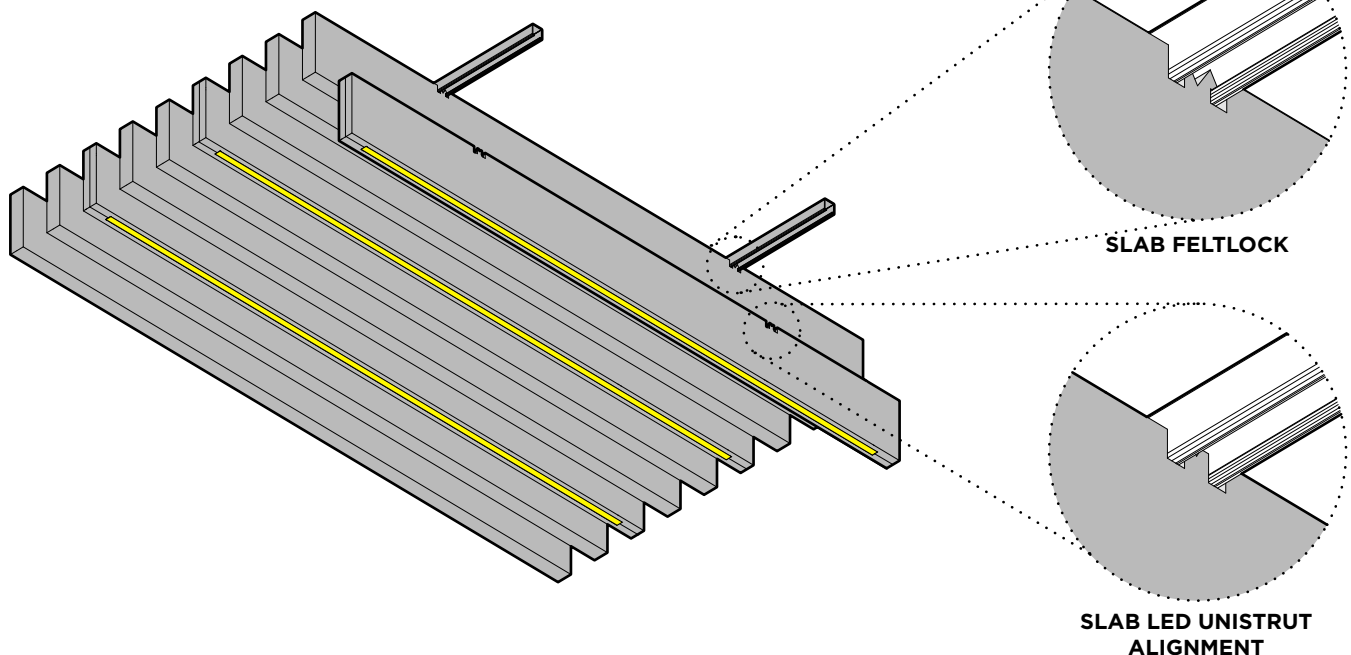


Slab LED is one of Turf's collaborative product offerings and has been developed with Coronet Lighting. The system integrates a full color temperature range from 2700K to 4000K along with tunable color and dimming options.

Refer to Light Specification + Photometrics page for fixture options.

Note that fixtures over 96" (8'0") require two whips and driver modules to ensure performance.

FELTLOCK SYSTEM COORDINATION

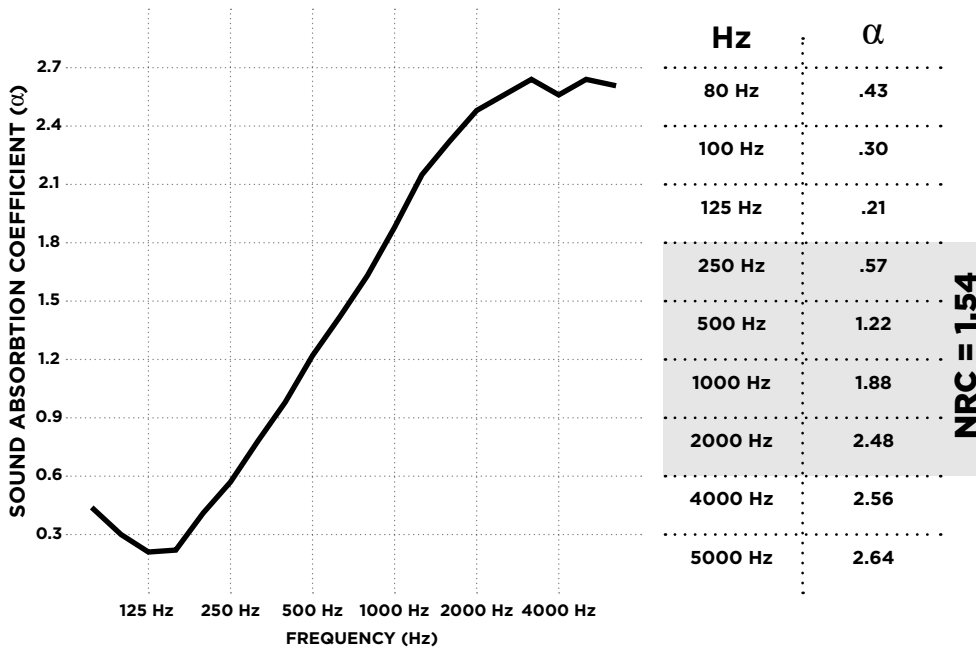


Refer to Slab Baffle Cutsheet for spacers for on center baffle coordination.

MATERIAL SPECIFICATIONS + TECHNICAL DATA

PRODUCT NAME	Slab LED
MATERIAL	9mm polyester felt, up to 60% pre-consumer recycled content
SIZE RANGE	24"L x 2.25"W x 8.68"H - 119"L x 2.25"W x 8.68"H
INSTALLATION HARDWARE	UNISTRUT P1000T Standard (supplied by installer) Universal steel Tee Grid (supplied by installer) 3/32" Aircraft Cable with slotted cable drop
WARRANTY	3-year Housing - 5-year Fixture
MAINTENANCE	Vacuum occasionally to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas for large assemblies. Standard household cleaners for spot cleaning.
LEAD TIME	Ships 6-8 weeks from signed approval
ENVIRONMENTAL	See Declare label
VARIATION	PET Felt uses a traditional 'felting' process to create it's panels. This often results in a pleasing heathered effect, where multiple tones are present in the fiber. Slight and consistent variations in color should be expected when using this sustainable material.
VOC	ASTM D 5116 Compliant
SAFETY CERTIFICATION	ETL Testing pending
FIRE RATING	Product made from Class A PET felt material tested under ASTM E-84
ACOUSTICS	ASTM C423-17: NRC = 0.75 (Material) // NRC = 1.54 (Slab Baffle Product) Type J Mounting: The specimen is an array of spaced sound absorbing baffles suspended from a cable approximately 1206.5mm (47.5 in.) above the horizontal test surface. This approximates the mounting method of a typical ceiling baffle installation. The baffles were evenly distributed in four rows four units each. Baffles were spaced 305 mm (12 in.) apart. Rows were spaced 762mm (30 in.) apart.

ASTM C 423-17 (Product)



**3mm + 9mm PET Acoustic Panel
TURF Design**

Final Assembly: Gilberts, Illinois, USA
Life Expectancy: 50 Year(s)
End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:
 PET; Flame Retardant; N,N'-Ethylene bis(stearamide); White Tint; Antioxidant 1076; Antioxidant KY-405; Stearic Acid

Living Building Challenge Criteria: Compliant

I-13 Red List:
 LBC Red List Free % Disclosed: 100% at 100ppm
 LBC Red List Approved VOC Content: Not Applicable
 Declared

I-10 Interior Performance: CDPH Standard Method v1.2-2017
I-14 Responsible Sourcing: Not Applicable

TFD-0002
 EXP. 01 DEC 2022
 Original Issue Date: 2019

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
 INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

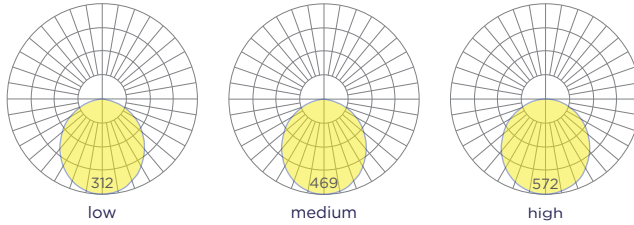
LIGHT SPECIFICATIONS + PHOTOMETRICS

FIXTURE ID RUSH LED DN

LENGTH X'X"

COLOR TEMP
27 - 2700K / 90 CRI
30 - 3000K / 90 CRI
35 - 3500K / 90 CRI
40 - 4000K / 90 CRI

LED SYSTEM
LOW
MED
HIGH
CUST



Representative distribution and peak candela. For other options, please consult factory.

OUTPUT ¹	Watts/FT	Lumens/FT
LOW	4	210
MED	5	315
HIGH	7	400

¹Based on a typically configured 90 CRI, 3500K luminaire using one driver.
 Custom outputs available. Please consult factory.
 For 4000K multiply by 1.05; for 3000K 0.96; for 2700K, 0.92.

VOLTAGE UNV - Universal (120 / 220V)

DRIVER
DB - Standard 0-10V 1%
DB.1% - 0-10V 0.1%
ELV - 2-Wire 1% (120V only)
TRI - Forward phase (120V only)
LDE1 - Lutron Digital Ecosystem*
DALI - DALI-2 Driver
PoE - Power over Ethernet
DMX - DMX512

*additional lead time and information required

Finish W - White

LIGHTING MOUNTING AC - Air Craft Cable (50") - can be substituted for Threaded Rod connection

CIRCUIT
NA - None
EM 120V - Emergency Pack (Remote)
EM 277V - Emergency Pack (Remote)